

83

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-066247

(43)Date of publication of application : 03.03.2000

(51)Int.Cl. G02F 1/167
G09F 9/37

(21)Application number : 10-229558

(71)Applicant : SONY CORP

(22)Date of filing : 14.08.1998

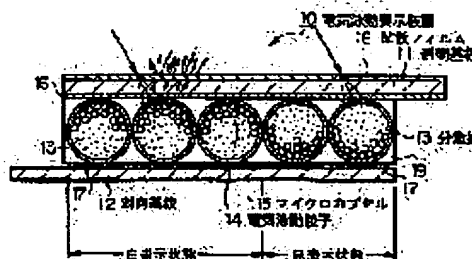
(72)Inventor : MATSUDE MASATAKA

(54) ELECTROPHORETIC DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an electrophoretic display device which is enhanced in display performance by solving the problem accompanying a sp. gr. difference from dispersion media by lowering the sp. gr. of migration particles and improving a contrast ratio.

SOLUTION: This electrophoretic device 10 is constituted by inclosing the dispersion media 13 and the electrophoretic particles 14 dispersed therein into a spacing between a transparent substrate 11 and a counter substrate 12 arranged to face the same and executes display action by the electrophoretic effect of the electrophoretic particles 14 by the presence or absence of the voltage impression between the transparent substrate 11 and the counter substrate 12. The electrophoretic particles 14 consist of dielectric particles. The dispersion media 13 are formed of nematic liquid crystals contg. dichromatic dyestuffs.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Best Available Copy